

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UTILITY PATENT APPLICATION TRANSMITTAL

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: **Willem Wesselink et al.**TITLE: **SYNCHRONOUS PACEMAKER WITH AV INTERVAL OPTIMIZATION**

CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, "EXPRESS No. EV 331 791 948 US, on this 5 day of Jan., 2004.

Paul H. McDowell
 Printed Name

 Signature

MAIL STOP PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

 Patent Application Transmittal **Specification:**Total pages: 38 (including claims and abstract: Spec. 26 sheets; Claims 11 sheets; Abstract 1 **Drawings:**

Total sheets: 10
 formal informal

 Combined Declaration and Power of Attorney:

nonexecuted
 copy from prior application
 Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))
 Incorporation by Reference - *The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied above is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*

 Accompanying application parts:

Notification of filing a
 Assignment of the Invention to Medtronic, Inc.
 Assignment cover sheet
 Information Disclosure Statement
 PTO Form 1449
 Copies of IDS citations
 Preliminary Amendment
 A copy of the Petition or Conditional Petition for Extension of Time in the prior application.
 Return Postcard

IF A CONTINUING APPLICATION:

Continuation Divisional Continuation-in-part (CIP) of prior application
 No. .

Amend the specification by inserting before the first line the sentence: --This application is a of
 application Serial No. , filed , now allowed.--

Cancel in this application original claims of the prior application before calculating the filing fee.
 (At least the original independent claim must be retained for filing purposes.)

The prior application is assigned of record to Medtronic, Inc.

The Power of Attorney in the prior application is to:

22387 U.S. PTO
 10/751365


 010504

This application claims the benefit of U.S. Provisional Application(s) Serial No.(s) 60/437,982, filed January 6, 2003.

Address all future correspondence to: Paul H. McDowell, Reg. No. 34,873
Telephone: (763) 514-3351
No. 27,581

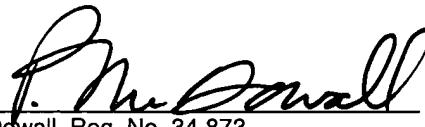
FEE CALCULATION	No. of Claims Filed	Claims Included in Base Fee	No. of Extra Claims	Rate	Fee
Total Claims	52	20	=	32	x 18 \$576.00
Independent Claims	6	3	=	3	x 86 \$258.00
Multiple Dependent Claims			0	+ 290	
Basic Filing Fee					\$770.00
				TOTAL	\$1604.00

Charge Deposit Account No. 13-2546 in the amount of \$1604.00 for the filing fee.

The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

Date

5 Jan '04


Paul H. McDowell, Reg. No. 34,873
Telephone: (763) 514-3351
No. 27581